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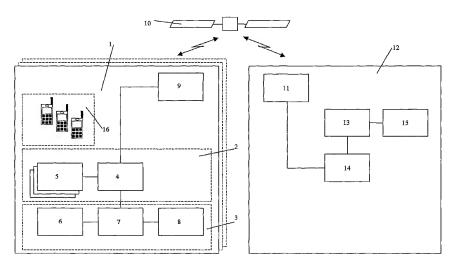
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### (54) Title: MODE OF OPERATION OF A MOVING CELLULAR RADIO NETWORK



(57) Abstract: Mehod of operation for a control system (3) that controls a cellular/mobile radio network (2) onboard a moving vessel. The control system combines niformation about the position of the vessel (6) with knowledge about assigned radio frequencies and regulatory conditions in the geographical area, as well as information about available frequencies (8), to adjust transmitted power and frequency usage. A vessel with this system onboard will be able to move freely in any national or international geographical area without infringing other radio networks operating in the same frequency band. Cellular/mobile phones (16) will be able to communicate with other cellular/mobile phones (16) and fixed phones on the same vessel or with phones in public fixed networks (13), public land mobile networks (15) or other moving radio networks, using the satellite system (9, 10 and 11) as transmission path between the systems on the vessel (1) and the common resources (12) on shore.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.